

What is claimed is:

Subst
1. ~~A method for producing an extended-release composition comprising mixing acarbose with a sustained release matrix to create said composition.~~

2. The method of claim 1, further comprising compressing said mixture to
5 form a tablet.

3. The method of claim 2, wherein said acarbose comprises about 20% to about 40% by weight of the tablet.

4. The method of claim 2, wherein said acarbose is present in an amount
10 sufficient to produce the tablet in a range from about 25 mg to about 300 mg of said acarbose.

5. The method of claim 1, wherein the mixing step further utilizes a filler.

6. The method of claim 5, wherein the mixing step further utilizes a glidant.

7. The method of claim 6, wherein the mixing step further utilizes a
lubricant.

8. The method of claim 6, wherein said glidant is selected from the group
15 consisting of colloidal silica and precipitated silica.

9. The method of claim 7, wherein said lubricant is selected from the group consisting of sodium lauryl sulfate, sodium stearyl fumarate, and metal stearates.

10. The method of claim 7, wherein said lubricant is selected from the group
20 consisting of magnesium stearate, zinc stearate, calcium stearate, and mixtures thereof.

11. The method of claim 1, wherein said sustained release matrix is hydroxypropylmethylcellulose (HPMC).

12. The method of claim 2, further comprising the step of covering said tablet with a coating.

13. The method of claim 12, wherein said coating is a cellulose ether-based coating.

14. The method of claim 12, wherein said coating is a cellulose ether-based coating in combination with ethyl cellulose.

15. A chemical composition comprising:
acarbose; and
a sustained release matrix.

16. The composition of claim 15, wherein said acarbose is about 20% to about 40% by weight of said composition.

17. The composition of claim 15, wherein said acarbose is present in an amount of about 25mg to about 300mg.

18. The composition of claim 15, further comprising a filler.

19. The composition of claim 18, further comprising a glidant.

20. The composition of claim 19, further comprising a lubricant.

21. The composition of claim 19, wherein said glidant is selected from the group consisting of colloidal silica and precipitated silica.

22. The composition of claim 20, wherein said lubricant is selected from the group consisting of sodium lauryl sulfate, sodium stearyl fumarate, and metal stearates.

23. The composition of claim 20, wherein said lubricant is selected from the group consisting of magnesium stearate, zinc stearate, calcium stearate, and mixtures thereof.

24. The composition of claim 15, wherein said sustained release matrix is hydroxypropylmethylcellulose (HPMC).

5 25. The composition of claim 15, wherein said composition is covered with a coating.

26. The composition of claim 25, wherein said coating is a cellulose ether-based coating.

27. The composition of claim 25, wherein said coating is a cellulose ether-based coating in combination with ethyl cellulose.

10 28. A method of treating a patient to stimulate weight loss comprising administering an acarbose formulation to the patient.

29. The method of claim 28, wherein said acarbose formulation comprises acarbose; and
a delayed release matrix.

15 30. The method of claim 28, wherein said acarbose formulation comprises acarbose; and
a sustained release matrix.

31. The method of claim 30, wherein said acarbose is about 20% to about 40% by weight of said composition.

20 32. The method of claim 30, wherein said acarbose is present in an amount of about 25mg to about 300mg.

33. The method of claim 30, wherein said acarbose formulation further comprises a filler.

34. The method of claim 33, wherein said acarbose formulation further comprises a glidant.

35. The method of claim 34, wherein said acarbose formulation further comprises a lubricant.

5 36. The method of claim 34, wherein said glidant is selected from the group consisting of colloidal silica and precipitated silica.

37. The method of claim 35, wherein said lubricant is selected from the group consisting of sodium lauryl sulfate, sodium stearyl fumarate, and metal stearates.

10 38. The method of claim 35, wherein said lubricant is selected from the group consisting of magnesium stearate, zinc stearate, calcium stearate, and mixtures thereof.

39. The method of claim 30, wherein said sustained release matrix is hydroxypropylmethylcellulose (HPMC).

15 40. The method of claim 30, wherein said acarbose formulation is covered with a coating.

41. The method of claim 40, wherein said coating is a cellulose ether-based coating.

20 42. The method of claim 41, wherein said coating is a cellulose ether-based coating in combination with ethyl cellulose.

add
D